



IF 2815 #

PTO/SB/21 (09-04)  
Approved for use through 07/31/2006. OMB 0651-0031  
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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/007,631
	Filing Date	11/09/2001
	First Named Inventor	Daniel S. Pickard
	Art Unit	2815
	Examiner Name	Joseph H. Nguyen
Total Number of Pages in This Submission	Attorney Docket Number	S01-079

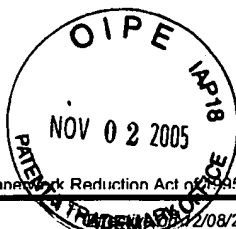
ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input checked="" type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	Lumen Intellectual Property Services, Inc.		
Signature			
Printed name	Robert Lodenkamper		
Date	10/31/05	Reg. No.	55,399

CERTIFICATE OF TRANSMISSION/MAILING		
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:		
Signature		
Typed or printed name	SYLVIA LEE	Date 10/31/05

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PTO/SB/17 (12-04)

Approved for use through 07/31/2006. OMB 0651-0032

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Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).  
Filing Date: 11/09/2001**FEE TRANSMITTAL**  
**For FY 2005**☒ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$ 225.00)**Complete if Known**

Application Number	10/007,631
Filing Date	11/09/2001
First Named Inventor	Daniel S. Pickard
Examiner Name	Joseph H. Nguyen
Art Unit	2815
Attorney Docket No.	S01-079

**METHOD OF PAYMENT** (check all that apply)☐ Check ☒ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_☐ Deposit Account Deposit Account Number: \_\_\_\_\_ Deposit Account Name: \_\_\_\_\_

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee☐ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☐ Credit any overpayments**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	_____
Design	200	100	100	50	130	65	_____
Plant	200	100	300	150	160	80	_____
Reissue	300	150	500	250	600	300	_____
Provisional	200	100	0	0	0	0	_____

**2. EXCESS CLAIM FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent	50	25
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent	200	100
Multiple dependent claims	360	180

<u><b>Total Claims</b></u>	<u><b>Extra Claims</b></u>	<u><b>Fee (\$)</b></u>	<u><b>Fee Paid (\$)</b></u>	<u><b>Multiple Dependent Claims</b></u>		
_____ - 20 or HP = _____	x _____	= _____	_____	<u><b>Fee (\$)</b></u>	<u><b>Fee Paid (\$)</b></u>	
HP = highest number of total claims paid for, if greater than 20						
<u><b>Indep. Claims</b></u>	<u><b>Extra Claims</b></u>	<u><b>Fee (\$)</b></u>	<u><b>Fee Paid (\$)</b></u>	_____	_____	
_____ - 3 or HP = _____	x _____	= _____	_____			
HP = highest number of independent claims paid for, if greater than 3						

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
_____ - 100 = _____	/ 50 = _____	(round up to a whole number) x _____	= _____	_____

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other: 2 Month Extension

**Fees Paid (\$)**

225.00

**SUBMITTED BY**

Signature		Registration No. (Attorney/Agent) 55,399	Telephone 650-424-0100
Name (Print/Type)	Robert Lodenkamper	Date	10/31/05

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 10/007,631

Atty. Docket No.: S01-079

Filing Date: 11/09/2001

Art Unit: 2815

Applicants: Daniel S. Pickard et al.

Examiner: Joseph H. Nguyen

Title: ELECTRON BOMBARDMENT OF WIDE BANDGAP  
SEMICONDUCTORS FOR GENERATING HIGH BRIGHTNESS AND  
NARROW ENERGY SPREAD EMISSION ELECTRONS

CERTIFICATE OF MAILING

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Date

SYLVIA LEE  
[Signature]  
Signature

Sir:

Applicant responds to the advisory Office action mailed on 09/28/2005 as follows:

11/03/2005 JBALINAN 00000022 10007631

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